

**Ackerman, Joyce**

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**From:** Ackerman, Joyce  
**Sent:** Thursday, April 26, 2018 10:55 AM  
**To:** Patrick Medland  
**Cc:** Stovall - CDPHE, Curtis; Dave Folkes; Jonathan H. Steeler; Sandusky, Eric; rdean@stratuscompanies.com; Piggott, Amelia  
**Subject:** RE: 4-26 Meeting

Dear Patrick – EPA agrees with the proposed plan for the activities described below.

As we discussed today, if there are significantly different conditions encountered in the field, the plan may be altered after consultation with EPA. The goal of the soil removal in the Phase 1 area is to protect groundwater by removal of the mass of contaminants of concern in an efficient, practicable, and safe manner.

Thank you for your assistance.

Joyce

Joyce Ackerman  
On-Scene Coordinator and START P.O.  
U.S. EPA Region 8  
1595 Wynkoop Street  
Denver, CO 80202  
(303) 312-6822

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**From:** Patrick Medland [mailto:PMedland@Geosyntec.com]  
**Sent:** Thursday, April 26, 2018 9:12 AM  
**To:** Ackerman, Joyce <Ackerman.Joyce@epa.gov>  
**Cc:** Stovall - CDPHE, Curtis <curtis.stovall@state.co.us>; Dave Folkes <DFolkes@Geosyntec.com>; Jonathan H. Steeler <JSteeler@sennlaw.com>; Sandusky, Eric <Eric.Sandusky@WestonSolutions.com>; rdean@stratuscompanies.com  
**Subject:** 4-26 Meeting

Joyce,

Below are my notes from today's meeting with proposed actions (namely setting of depth). Please let me know if you approve or have other items to add. We will start excavation in Phase 1 this morning in Excavation Zone 3 based on my understanding of our meeting. I did not add in proposed confirmation samples to use for the floor, as that will be determined based on actual excavation depths. Again, thanks for meeting me out at the site this morning and getting the work rolling. I very much appreciate it.

4/26/2018  
Meeting with EPA

Phase 1 Excavation

- Zone 3 – the expected depth of excavation is approximately 4 feet below floor (fbf) – EPA and Stratus agrees to a maximum of 5 fbf

- Zone 2 – the expected depth of excavation is approximately 8-10 fbf – EPA and Stratus agrees to a maximum of 10 fbf unless there is an obvious hot spot. Excavate a little deeper, screen with PID, and backfill with clean fill
- Zone 1 - the expected depth of excavation is approximately 8-10 fbf – EPA and Stratus agrees to a maximum of 10 fbf unless there is an obvious hot spot. Excavate a little deeper, screen with PID, and backfill with clean fill
- Excavation will end at bedrock or if soils screen below 100 ppm.

#### Phase 1-SP1 Stockpile

- EPA and Stratus agree, due to low hits of PID while segregating in SE corner of the stockpile, currently no soil needs to be removed from the site.
- EPA and Stratus agree that some additional field screening will take place prior to backfill to determine if there are hot spots that will need to be removed from the site.

#### Phase 2A Excavation

- EPA observed the excavation and will determine if 8 stockpiles can be used as backfill or need to be disposed based on analytical data.
- EPA stated that Phase 2A can be backfilled with clean soils as appropriate.

Patrick

Patrick Medland  
Scientist

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Greenwood Village, CO 80111

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Direct: 720-509-8907

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4/26/2018

Meeting with EPA

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### Phase 2A Excavation

- EPA observed the excavation and will determine if 8 stockpiles can be used as backfill or need to be disposed based on analytical data.
- EPA stated that Phase 2A can be backfilled with clean soils as appropriate.

Patrick

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